

Amendments to the Claims

This listing will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Previously presented) A topical ectoparasiticide formulation comprising: from about 0.1 to about 25 weight percent of an ectoparasiticide, selected from a spinosyn, or a physiologically acceptable derivative or salt thereof; from about 25 to about 99.9 weight percent of a (C₃-C₆) branched alkyl (C₁₀-C₂₀) alkanoate spreading agent; and up to about 70 weight percent of a miscibilizing agent compatible with organic solvent systems.
2. (Original) A formulation of Claim 1 wherein the spreading agent is a (C₃-C₆) branched alkyl (C₁₂-C₁₆) alkanoate.
3. (Previously presented) A formulation of Claim 2 wherein the (C₃-C₆) branched alkyl (C₁₂-C₁₆) alkanoate is isopropyl myristate.
4. (Withdrawn) A formulation of Claim 1, 2 or 3 wherein the miscibilizing agent is selected from formic, acetic, propionic, benzoic, butyric, valeric, caproic, enanthic, caprylic, pelargonic, capric, undecylic, lauric, tridecylic, myristic, pentadecylic, palmitic, margaric, stearic, oleic, arachidic, behenic, lignoceric, cerotic, montanic, triacontanoic, psyllic, or ceroplastic acids.
5. (Withdrawn) A formulation of Claim 1, 2 or 3 or 4, which further comprises a miscibilizing agent selected from benzyl alcohol, ethylene glycol phenyl ether, D-limonene, N-methyl-2-pyrrolidinone, methylated soybean oils and soybean oil methyl esters.
6. (Withdrawn) A formulation of Claim 1, 2, 3, 4 or 5 which further comprises an effective amount of an antimicrobial agent.
7. (Previously presented) An article of manufacture, comprising packaging material and contained within said packaging material a topical formulation for controlling an ectoparasite infestation on a small ruminant or companion animal, wherein said formulation comprises
a topical unit dose of a formulation of Claim 1, 2 or 3; and,
wherein said packaging material comprises a label or package insert with instructions for topically administering the dose to the animal.

8. (Previously presented) A method of controlling an ectoparasite infestation on a small ruminant or companion animal, comprising topically applying to the hair and/or skin of the animal a formulation of Claim 1, 2 or 3.

9. (Previously presented) The method of Claim 8 wherein the formulation is applied using a spot-on protocol.

10. (Previously presented) The method of Claim 8 wherein the formulation is applied using a pour-on protocol.

11. (Cancelled)

12. (Previously Presented) A topical ectoparasiticide formulation comprising from 0.1 to 25 weight percent of a spinosyn, or a physiologically acceptable derivative or salt thereof; from 25 to 99 weight percent of isopropyl myristate and from 0.6 to 40 weight percent of a miscibilizing agent compatible with organic solvent systems, selected from acetic, lauric, octanoic, oleic and benzoic acids and N-methyl-2-pyrrolidinone.

13. (Previously Presented) A formulation of Claim 1 wherein the miscibilizing agent is oleic acid.

14. (Previously presented) An article of manufacture, comprising packaging material and contained within said packaging material a topical formulation for controlling an ectoparasite infestation on a small ruminant or companion animal, wherein said formulation comprises

a topical unit dose of a formulation of Claim 12 or 13; and, wherein said packaging material comprises a label or package insert with instructions for topically administering the dose to the animal.

15. (Previously presented) A method of controlling an ectoparasite infestation on a small ruminant or companion animal, comprising topically applying to the animal a formulation of Claim 12 or 13.